Appl. No.: 10/542,965

Amdt. Dated: December 31, 2008

Reply to Office action of October 2, 2008

**Amendments to the Claims:** 

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:** 

Claim 1 (Currently amended) A shape information coding

method of coding shape information for identifying a <del>location</del>

first road section connected to a second road section at a

starting-end point of the first road section on a first digital

map and identifying the first road section on a second map which

has a different error from the first digital map, comprising:

a step of representing the first road section by a

coordinate string which is a list of points on the first road

section, concerning a coordinate string including a plurality of

nodes corresponding to the shape information, location

information of a second node or a subsequent node thereto with a

relative location to a starting-end location, using location

information of the stating-end location or location information

of another node; and

a step of representing the starting-end point of the first

road section by information which identifies a location where

the starting-end point is located on the second road section

location information of the starting-end location with a

relative location using another shape information.

Page 2 of 6

Appl. No.: 10/542,965

Amdt. Dated: December 31, 2008

Reply to Office action of October 2, 2008

Claims 2-23 (Cancelled)

Claim 24 (New) A transmitter for transmitting shape

information to be identified on a digital map of a receiver,

comprising:

a digital map which has a different error from the digital

map of the receiver;

a coder which codes shape information for identifying first

road section connected to a second road section at a starting-

end point of the first road section on the digital map of the

transmitter,

wherein the first road section is represented by a

coordinate string which is a list of point on the first road

section, and

wherein the starting-end point of the first road section is

represented by information which identifies a location where the

starting-end point is located on the second road section.

Claim 25 (New) A receiver comprising:

a first digital map;

a receiver for receiving shape information for identifying

first road section connected to a second road section at a

Page 3 of 6

Appl. No.: 10/542,965

Amdt. Dated: December 31, 2008

Reply to Office action of October 2, 2008

starting-end point of the first road section on a second digital

map which has a different error from the first digital map, the

shape information being coded so that the first road section is

represented by a coordinate string which is a list of point on

the first road section, and the starting-end point of the first

road section is represented by information which identifies a

location where the starting-end point is located on the second

road section;

identifying the second road section on the first digital

map; and

identifying the first road section on the first digital map

using the starting-end point located on the second road section.

Page 4 of 6